

À des fins de recherche uniquement

Anticorps Monoclonal anti-EIF4E3

Numéro de catalogue: 68171-1-Ig



Informations de base

Numéro de catalogue: 68171-1-Ig	Numéro d'acquisition GenBank: BC031289	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 317649	CloneNo.: 2E9C4
Hôte: Mouse	Nom complet: eukaryotic translation initiation factor 4E family member 3	Dilutions recommandées: WB 1:2000-1:10000 IHC 1:250-1:1000
Isotype: IgG2b	MW calculé 24 kDa	
Immunogen Catalog Number: AG11056	MW observés: 24-30 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Spécificité de l'espèce:

Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HEK-293, cellules Jurkat, cellules K-562, cellules MCF-7, cellules MOLT-4, cellules THP-1

IHC : tissu de côlon de rat, tissu de côlon de souris

Informations générales

EIF4E3, also known as Eukaryotic translation initiation factor 4E type 3, is a 224 amino acid protein, which recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis. EIF4E3 acts as a tissue-specific tumor suppressor. For instance, eIF4E3 inhibits expression of both mRNA export and translation targets of eIF4E1, consistent with its nuclear and cytoplasmic localization. Importantly, eIF4E3 overexpression represses oncogenic transformation. (PMID: 23587918).

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

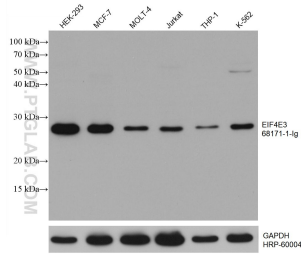
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

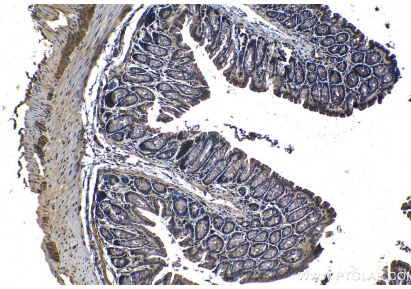
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

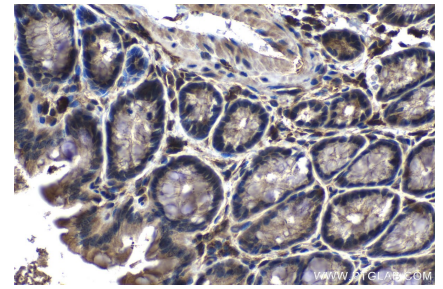
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 68171-1-Ig (EIF4E3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



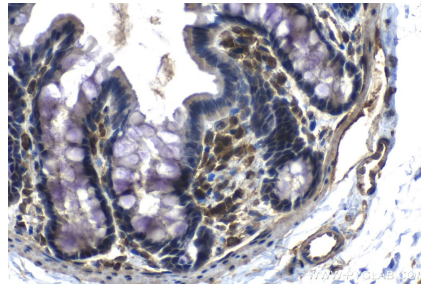
Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 68171-1-Ig (EIF4E3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 68171-1-Ig (EIF4E3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using 68171-1-Ig (EIF4E3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using 68171-1-Ig (EIF4E3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).